

## EAST Search History

| Ref # | Hits  | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|-------|---|---|------------------|---------|---------------------|
| L4    | 2066  | "372".clas. and (((current near2 (block\$3 or stop\$4 or prevent\$3 or barrier)) or oxide or resist\$4) with (hole or gap or aperture or window or slot)) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | OR               | ON      | 2009/05/21<br>10:17 |
| L5    | 0     | ("2003/0002146").URPN.  | USPAT   | OR               | ON      | 2009/05/21<br>10:57 |
| L6    | 8     | ("4426701"   "4647953"   "5379314"   "5557627"   "5822356"   "5956361"   "6285702"   "6320893").PN.   | US-PGPUB;<br>USPAT; USOCR                             | OR               | ON      | 2009/05/21<br>11:05 |
| L7    | 2     | ("5182758"   "6081540").PN. OR ("6744798").URPN.  | US-PGPUB;<br>USPAT; USOCR                             | OR               | ON      | 2009/05/21<br>11:06 |
| L8    | 57212 | "257".clas. and (((current near2 (block\$3 or stop\$4 or prevent\$3 or barrier)) or oxide or resist\$4) with (hole or gap or aperture or window or slot)) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | OR               | ON      | 2009/05/21<br>11:20 |
| L9    | 11773 | L8 and laser  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | OR               | ON      | 2009/05/21<br>11:21 |
| L10   | 296   | L8 and (vcsel or vsel or (verticle with (cavity or surface) with (emitting or emission)))   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | OR               | ON      | 2009/05/21<br>11:21 |

|     |      |  |   |    |    |                     |
|-----|------|--|---|----|----|---------------------|
| L11 | 2004 | 372/46.01.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | OR | ON | 2009/05/21<br>11:25 |
| L12 | 2243 | 372/46.01,46.013,46.014,46.015,46.016.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | OR | ON | 2009/05/21<br>11:26 |
| L13 | 1653 | L12 not (L4 or L10)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | OR | ON | 2009/05/21<br>11:26 |
| L14 | 544  | "372".clas. and (current with block\$3 with (mask or pattern))                             | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | OR | ON | 2009/05/21<br>11:35 |
| L15 | 41   | L14 and (vcSEL or vSEL or (vertical with (cavity or surface) with (emitting or emission))) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | OR | ON | 2009/05/21<br>11:36 |
| L16 | 447  | L8 and (vcSEL or vSEL or (vertical with (cavity or surface) with (emitting or emission)))  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | OR | ON | 2009/05/21<br>11:36 |
| L17 | 151  | L16 not L10  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | OR | ON | 2009/05/21<br>11:37 |

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